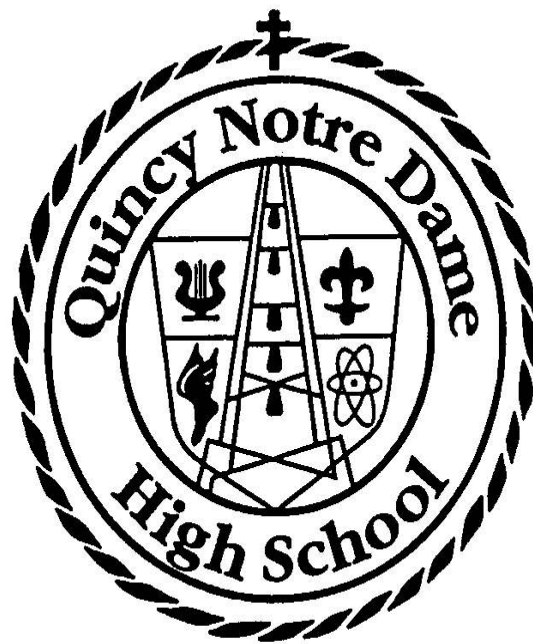


COURSE CATALOG



2009 - 2010

Serving - Growing - Learning - Participating

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QUINCY NOTRE DAME HIGH SCHOOL
Course Descriptions
and
Guide to Student Program Planning

Introduction

Through a combination of varied instructional methods and courses, the curriculum at Quincy Notre Dame High School is designed to encourage the student to develop an interest in and appreciation of the learning process. The student is also challenged to think critically and acquire the skills necessary to meet the demands of an ever-changing world.

The student will be challenged to accept responsibility for his or her own education and develop the necessary tools to become a responsible Christian citizen. Teachers and students strive to achieve these goals in an atmosphere of mutual Christian concern and respect.

Accreditation

State of Illinois, North Central Association of Schools and Colleges.

Requirements for Entrance

Students entering QND from eighth grade must have earned a diploma and/or passed the equivalent course work to begin as ninth grade students. Students entering other grade levels must exhibit the ability and desire to do the academic work. (Also see Admission Policy in the Student Handbook.)

Curriculum and Planning

This handbook is designed to help QND students and their parents shape an educationally effective course of studies. We hope that with serious planning on the part of the administration, counselors, teachers, parents and students we can graduate informed Christian citizens who will take their responsible places in our democratic society.

Some subjects are required of all students by QND. The requirements are listed in the section entitled QND Requirements for Graduation. Some of these requirements are mandated by the state and others by QND. The purpose of these requirements is to provide the student with basic understanding, knowledge and skills necessary in our society. No student may receive QND high school credit for a course taken elsewhere during the year if course is currently offered at QND. Prior approval in writing must be secured from the counselor for any summer school course a student wishes to take and receive credit for at QND.

In planning a program, a student should consider subjects to be taken, career goals and his/her commitments outside of school, including activities, employment and home responsibilities. Ample time and favorable conditions for study should be recognized as essential to satisfactory progress in school.

Graduation from Quincy Notre Dame High School requires 4 years of attendance and study in Grades 9 through 12. It should be recognized that a high school education involves more than the accumulation of credits. Mental, physical, and social growth is accomplished through thoughtfully planned and well organized programs of study and activity.

Grade-Weighted Classes

The content, treatment of material in depth and speed, and expectations of students for independent pursuit of course goals are greater in these classes. Students must be highly motivated, able to work independently and creatively, and capable of high quality inductive and deductive reasoning. They must possess a real desire to learn and a willingness to face the challenge of learning. They must have developed good study habits and be able to communicate well orally and in writing.

Advanced Placement Classes

The content, the treatment of material and the expectations of students exceed those in grade-weighted courses. Advanced Placement (AP) is a cooperative educational program of the College Board. The A.P. program is national, its policies are determined by representatives of member institutions, and its operational services are provided by Educational Testing Service. Students taking A.P. courses usually take the appropriate A.P. examination in the spring to determine college credit.

Dual Enrollment Classes

The content, treatment of material and expectations of the students are equal to those in advanced placement classes. Based on the fact that many young people can complete college-level studies in their secondary schools, it represents a desire of Quincy Notre Dame and Quincy University to foster such experiences. Classes meet three to five days per week and are taught by QU college professors on the high school campus. These classes are also grade-weighted.

For more information regarding the weighted grading scale, please refer to the QND planner.

Placement

In order to be accepted into an Advanced Placement course, a student must have an A or B in a prerequisite course and must have a recommendation form signed by an instructor of a prerequisite class. Class size will be limited. The recommendation forms are available from the Guidance Counselor.

Credit Requirements

All students must carry a full program of studies. That is, Seniors must carry 5 credits, Juniors, Sophomores and Freshmen must carry 6 credits. For graduation a total of 23 credits is required.

QUINCY NOTRE DAME GRADUATION REQUIREMENTS *

<u>Department</u>	<u>Number of Credits</u>
Business (Consumer Economics - State Mandated)	.25
Computer Applications - All Freshmen Must Take	.50
Driver's Ed - All Sophomores Who are Illinois Residents Must Take Classroom Course and Behind the Wheel - State Mandated	.50
English	4.00
Fine Arts (Art, Music, Speech)	.50
Health - State Mandated	.50
Mathematics	3.00
Physical Education - State Mandated	1.00
Religion	4.00
Science	2.00
Social Studies - U.S. and Illinois Constitution (which is included in Government)- State Mandated	2.50
Electives	As needed to total 23.00 credits

* See individual department for specific requirements.

Class Status

A student must have earned the following credits to be awarded status and assigned to homeroom as:

Sophomore	5 credits
Junior	11 credits
Senior	17 credits

REQUIREMENTS FOR ADMISSION TO PUBLIC UNIVERSITIES

Public Act 86-0954, establishes high school course requirements for admission to public universities. All Illinois public universities require the following courses for admission. Some colleges may have yet higher requirements other than those listed.

In addition to high school course requirements, public universities will continue to consider other measures in making admission decisions, such as high school grade point average, high school rank, or entrance examination scores. (ACT or SAT)

In some subject areas, the number of units differ, depending upon the school.

<u>UNITS</u>	<u>SUBJECTS</u>
4	<u>English</u> (with an emphasis on written and oral communication)
2	<u>Foreign Language, Speech, *Art, or Music</u>
3	<u>Mathematics*</u> (Algebra, 1 unit; Geometry, 1 unit; and Algebra II, 1 unit)
3	<u>Science</u>
2.5 or 3	<u>Social Studies**</u> (with an emphasis on history and government)

Admission requirements for private college and universities vary.

The public universities have adopted minimum subject requirements in an effort to help high school students improve their academic preparation for baccalaureate degree programs. Students who have not taken the required subjects but wish to enter a baccalaureate degree program may sometimes be admitted to public universities on a provisional basis.

* Missouri State Universities require 4 credits in Math and 1 credit in fine arts

** Check with schools of interest

NOTE: Please check the NCAA Clearinghouse website (www.ncaaclearinghouse.net) for eligibility requirements.

QUINCY NOTRE DAME HIGH SCHOOL

FOUR YEAR PLAN

P L A N N I N G S H E E T

FRESHMEN

Freshman Religion	.75 credit
Freshman English	1.00 credit
Physical Science	1.00 credit
Mathematics	1.00 credit
Early Civilization	.50 credit
Computer Applications	.50 credit
Freshman P. E.	.25 credit

Minimum of 6.00 credits

SOPHOMORES

Sophomore Religion	1.00 credit
Sophomore English	1.00 credit
Biology	1.00 credit
Mathematics	1.00 credit
Health	.50 credit
Driver's Ed	.50 credit
Sophomore P. E.	.25 credit

Minimum of 6.25 credits

JUNIORS

Junior Religion	1.00 credit
Junior English	1.00 credit
American History	1.00 credit
Mathematics	1.00 credit

Minimum of 6.0 credits

SENIORS

Senior Religion	1.00 credit
Senior English	1.00 credit
Modern Civilization	.50 credit

Minimum of 5.0 credits

NOTE: Blank lines are for courses of your choice. Keep in mind that there are additional courses needed for graduation. These include Consumer Ec., Government, Fine Arts, and P.E. Please note the number of required credits at each grade level. Additional elective courses must be chosen to meet the minimum number of credits.

COURSES AT QUINCY AREA VOCATIONAL TECHNICAL CENTER

Quincy Area Vocational Technical Center is located at 219 Baldwin Drive (a wing of QHS II) and it serves students from Quincy High School, Quincy Notre Dame, Central, Unity, Seymour, Barry, Liberty, and West Pike High Schools.

Transportation to and from the vocational center is arranged by the individual students.

Most courses meet two class periods each day and receive two and one-half credits each year. Courses which have two levels (I and II) should be taken in both junior and senior years unless otherwise suggested by the instructor. Juniors have priority for Level I courses unless otherwise stated.

Shared Training Program (S.T.P.) - Level I and Level II vocational classes are offered each Wednesday from 2:30 p.m. until 7:00 p.m. Students receive 1.25 credits for successful completion of a full year.

Please see the guidance counselor for more information regarding vocational classes.

SUMMER COURSES

The Quincy Public School offers courses each summer for remediation and/or enrichment. Credit is transferred to the student's QND permanent record. However, if credit is desired, QND must approve the student's choice before he registers.

Classes are held at QHS I from 7:30 a.m. to 12:10 p.m. in early June. Satisfactory work and attendance for 6 week courses earns 1 credit; for 3 week courses earns .5 credit; for 7 day courses earns .25 credit

The following courses are sometimes offered, subject to a sufficient number enrolling:

English I, II, III
American History, Government (.5)
Contemporary History (.5)
Applied Math
Algebra I, Geometry, Algebra II
Intro to Computers (.5), Basic Keyboarding (.5)
Consumer Economics (.25)
Biology

ART DEPARTMENT

The Art Department strives to maintain an atmosphere for growth and learning in the visual arts. Students will be exposed to art history and the basic elements and principles of art. They will be encouraged to develop their creative initiative and problem solving skills, and will experience a variety of media in the creative process.

DEPARTMENT REQUIREMENTS:		.5 Credit in Fine Arts (Music, Speech, Art) is required.	
710	BASIC ART SEMESTER I	The objective of this course is to acquaint students with the basic elements (line, color, shape, value, texture), and introduce them to the principles of design (balance, movement, emphasis, rhythm/pattern, contrast, and unity). Students will create a variety of works in many media. Art history is incorporated in every project. Tests are given. Length: 1 semester	Year: 9,10,11,12 .50 credit
715	DRAWING SEMESTER II	Students will develop their ability to draw. Drawings will include still life, figure, abstract, imaginary, and realistic subjects. A variety of drawing media will be used, such as pencil, black flair, ink, pencil, scratch-art, and colored pencils, pastels, and oil pastels. Art History will cover the Renaissance, Mannerism, and Baroque periods. Tests are given. Length: 1 semester	Year: 9, 10,11,12 .50 credit
720	DESIGN **	Students will develop their skills of visual expression in several different media. They will enhance their knowledge of design concepts and will be challenged to find original solutions to practical problems, such as logo and package design. The principles of organization (balance, movement, rhythm/pattern, emphasis, contrast) will be covered in depth as well as a review of the elements of design (line, color, shape, value, and texture). Ancient Greek and Roman through Medieval/Gothic periods in Art History will be studied and emphasis will be given to their architectural and design contributions. Tests will be given. Prerequisite: Basic Art Length: 1 semester	Year: 10,11,12 .50 credit
725	PAINTING **	Students will explore the basic techniques and qualities of tempera, watercolors, pastels, oil pastels, and acrylics. A study of American artists as well as European artists will serve as background for their painting experiences. Tests will be given. Prerequisite: Basic Art Length: 1 semester	Year: 10,11,12 .50 credit
735	POTTERY	Students will develop their skills in working with the basic techniques of pottery. Objects will be hand-made or wheel-thrown. The various methods (pinch, slab, coil) will be taught and used in at least 8 projects. Art of the Native Americans, African art and its influence on Picasso's art are studied in depth and tests are given. Course can be taken either 1st OR 2nd Semester. Length: 1 semester	Year: 12 <u>only</u> .50 credit
748	ADVANCED ART **	Students will develop their skills in several areas such as drawing, painting, printmaking, and/or ceramics. The <u>quality</u> of their work will be stressed in preparation for displays and future works submitted for shows or college scholarships. The students will work very independently, so need to be responsible and self-disciplined to complete required number of works each quarter. Weekly sketchbooks are required. If working 2-dimensionally, matting techniques will be	

taught as they prepare their own portfolio of at least 10 strong works. Each quarter a 3-5 page research paper on an artist, art era, or art style of their choice is required. The semester test is a one-woman/man art show of at least 10 strong works. Prerequisite: Basic Art and/or one studio course

Length: 1 semester

Year: 11,12 only

.50 credit

** Must have art teacher's approval. Selection will be based on performance and grades in prior art classes. Acceptance in these classes will not be based on first come, first serve.

POSSIBLE CAREERS/MAJORS

Advertising
 Architecture
 Art Education
 Art History
 Art Direction
 Ceramics
 Computer Graphics
 Drawing
 Environmental Design
 Fashion Design
 Fashion Merchandising
 Fashion Illustration
 Fibers/Textiles
 Film
 Glass
 Mixed Media

Graphic Design
 Illustration
 Industrial Design
 Interior Design
 Clothing Design
 General Fine Arts
 Landscape Architecture
 Furniture
 Textile Design
 Fine Arts
 Medical Illustration
 Holography
 Gallery Techniques
 Ceramic Sculpture
 Performance Art
 Foundation leading
 to transfer

Intermedia Arts
 Animation
 Cartooning
 Art Therapy
 Advertising
 Surface Pattern Design
 Special Studies
 Calligraphy
 Papermaking
 Interior Architecture
 Time Arts
 Music
 Dance
 Musical Theater
 Pre-architecture

BUSINESS DEPARTMENT

The Business Department philosophy is to provide an education that will help the students in their problems and responsibilities of everyday living, as well as being beneficial to those students going on to college and to students seeking employment immediately upon graduation.

DEPARTMENT REQUIREMENTS: All Freshmen are required to take the Computer Basics course.

- 604 COMPUTER APPLICATIONS This course provides hands-on experience using word processing, spreadsheets, databases, desktop publishing, and presentation software. Additional units of instruction will include the Internet, ethical use of computers, email, and other multimedia software.
Length: 1 semester Year: 9 .50 credit
- 605 MULTIMEDIA Multimedia is a class for those who are interested in all aspects of multimedia. This is a project-based class using digital cameras, scanners, and video equipment. Software components used are Power Point, Front Page, Publisher, and various photo programs.
Length: 1 semester Year: 10, 11, 12 .50 credit
- 606 BUSINESS LAW This course will teach the students about the various facets of our legal system. The students will learn about laws for minors, families, and consumers, crimes, contracts, torts, property laws, and careers in law. Prerequisite: None
Length: 1 semester Year: 11, 12 .50 credit
- 610 BUSINESS MANAGEMENT This course is designed to prepare the student for today's high-tech work place. Job simulations will be used to teach the aspects of management, advertising, and marketing. By the completion of this course, students will be able to:
- * Analyze dilemmas that workers encounter in real life
 - * Understand how technology is used to influence the way we do business
 - * Further an awareness of the diversity in the work force and society
 - * Continue investigating career opportunities
 - * Develop problem-solving skills
 - * Recognize and develop appropriate work habits
- Prerequisite: Computer Applications
Length: 1 Semester Year: 10, 11, 12 .50 credit
- 615 PERSONAL FINANCE * An introduction to both personal financial planning and computer software. Financial topics include: careers, budgeting, insurance, credit, and investments. Microsoft Office products (Excel, Word, and Power Point) are applied to these areas to aid in managing information and to provide information to the decision-making process. This course can also be taken as a dual enrollment course. It is equivalent to Quincy University's BUS 219.
Length: 1 semester Year: 12 .50 credit high school and/or 3.0 college credits
- 630 ACCOUNTING I This course provides a general basis for a career in business. It is designed to acquaint the student with the complete structure of the accounting cycle including source documents, journalizing, posting and preparation of financial statements and computerized accounting programs. The material provides a solid background for those planning to continue their education after high school in business and/or manage their own records.
Length: 1 year Year: 10, 11, 12 1.0 credit

ENGLISH DEPARTMENT

Perhaps the most compelling need among students today is the need to develop the ability to make responsible judgments--judgments about their own attitudes and actions, about society's demands and goals. To choose and judge effectively, young people must have historical perspective, relevant knowledge from many disciplines, and an open forum in which to examine and confront issues. The study of literature each year provides that perspective, knowledge, and forum.

The curriculum of the English Department also develops students' abilities in the four areas of communication: reading, writing, speaking, and listening. Each year students review skills in these areas and receive instruction in further refinement of them.

DEPARTMENT REQUIREMENTS: 4 required credits for graduation, one credit per year.

110-111	ENGLISH I	Study skills, introduction to the various genres of literature; grammar and usage review; sentence improvement; paragraph writing; introduction to research modes both written and electronic; evaluation of sources; introduction to works cited page; vocabulary study; speech experiences. Length: 1 year	Year: 9	1.0 credit
120-121	ENGLISH II	Review of the genres of literature; review and extensive use of the grammar, usage, and writing skills learned in 9th grade; review of paragraph writing styles and introduction to the essay and MLA format; speech experiences. Length: 1 year	Year: 10	1.0 credit
130-131	ENGLISH III	American Literature; improvement of writing through context of American literature; vocabulary study; preparation for the ACT test; essay and research practice; speech experiences. Length: 1 year	Year: 11	1.0 credit
140-141	ENGLISH IV	This course seeks to prepare students for successful college study and life. Western literature with an emphasis on English literature is stressed in an historical approach. Writing skills emphasize persuasive, expository and explicatory writing and include a formal research paper. Business writing, computer communication, movie critiquing, and speech experiences are also included. Length: 1 year	Year: 12	1.0 credit
145	BRITISH AND WORLD LITERATURE	This course provides an overall review of reading and writing skills with an emphasis on English and World Literature. Students will advance in critical thinking and study skills. Expository research, business writing, and speech experiences are also included. A student must be recommended by his/her junior teacher in order to be in this class. Length: 1 year	Year: 12	1.0 credit
150	LITERACY	Literacy is highly recommended for students whose reading skills need reinforcement. This course will focus on increasing study skills, improving memory techniques, and using resources and strategies for becoming a successful learner across the curriculum. Students will work toward improving comprehension, word attack skills, and vocabulary. Literacy is taken in addition to English. Length: 1 year	Year: 9	1.0 credit

160	SPEECH	<p>This course serves as a general introduction to a variety of speaking experiences. Emphasis is on practical experiences useful throughout life. Students who enroll in this course should be ready to participate in some sort of speech activity each week. The purpose includes improving the poise and confidence of each student. This course fulfills the Fine Arts requirement.</p> <p>Length: 1 semester Year: 12 .50 credit</p>
172	JOURNALISM	<p>Journalism is an elective course designed to examine the role of journalism and immerse students in active participation in the production of the school newspaper. The course will cover news gathering, ethics, copy writing, differentiated writing styles, photography, editing and revising. Through an analysis of newspapers, magazines, and a variety of other publications, students will focus on journalistic writing in order to publish the school newspaper <i>The Broadcaster</i>.</p> <p>Length: 1 semester Year: 11, 12 .50 credit</p>
180-181	YEARBOOK	<p>This is an early bird class that is taken on a pass/fail basis</p> <p>Length: 1 semester Year: 9,10, 11, 12 .25 credit</p>

Books which are reserved for the following years:

English I: *Of Mice and Men, The Outsiders, The Contender, Romeo and Juliet, Heart of a Champion, Alive, Black Like Me, The Wave, Downsiders*

English II: *To Kill a Mockingbird, Silas Marner, Julius Caesar, Night, A Separate Peace, The War of the Worlds, The Martian Chronicles, Dandelion Wine, Scarlet Pimpernel, Lord of the Flies*

English III: *The Great Gatsby, The Scarlet Letter, The Adventures of Tom Sawyer, The Adventures of Huckleberry Finn, The Old Man and the Sea, Death of a Salesman, Ethan Frome, Grapes of Wrath, The Crucible, The Red Badge of Courage, Taking of Room 114, The Fountainhead, Spoon River Anthology, Walking Across Egypt*

English IV: *Oedipus Rex, Antigone, The Stranger, Pride and Prejudice, Pygmalion, Ordinary People, Gulliver's Travels, Cyrano de Bergerac, Hamlet, Macbeth, Catcher in the Rye, Fahrenheit 451, Lively Art of Writing*

FOREIGN LANGUAGE DEPARTMENT

In today's ever changing and multi-cultural world, the study of foreign language is an essential tool. In a world growing increasingly smaller, the multi-racial and cross-cultural effects of the study of foreign language benefit all students psychologically, intellectually, and aesthetically.

It is the mission of the Foreign Language Department at Quincy Notre Dame High School to educate youth, adding another dimension to their own way of life, enabling them to become more effective members of their Church, nation, and world. Presenting language as a living, changing being, we strive to provide the attention to grammar which makes written communication possible while highlighting verbal communication in the cultural atmosphere of the target language.

A variety of educational techniques enhance and reinforce the target language. The students experience the language through texts, workbooks, listening comprehension exercises, computer technology, target language videos, and cultural experiences.

The business world has learned the value of foreign language education. When the Fortune 500 companies were polled, they indicated the study of a foreign language would improve the likelihood of employment in the following fields:

Business management and administration, marketing and sales, engineering, finance, accounting, secretarial skills, international relations, economics, data processing, law, advertising, communications, library skills, civil engineering, statistics, journalism, public relations, psychology, sociology, medicine, cultural studies, political science, fine arts, and public administration.

Now more than ever, we need an understanding of all peoples. Through the study of foreign languages we learn to communicate and gain valuable insight into other cultures.

DEPARTMENT REQUIREMENTS: A minimum number of students is required for any course to be offered. Any student enrolled in first or third year language must complete two years, unless permission to withdraw is approved by the instructor.

517	SPANISH I	The introductory course in Spanish stresses speaking and listening along with the introduction of elementary grammar, vocabulary, Spanish history, and culture. It utilizes the oral interactive method. Length: 1 year	Year: 9,11	1.0 credit
518	SPANISH II	A continuation of the listening and speaking program and a more explicit and intensive coverage of the structure of the language is offered at the second level. Prerequisite: Spanish I Length: 1 year	Year: 10,12	1.0 credit
519	SPANISH III	A varied program of listening, speaking and writing is integrated with a basic introduction to Spanish short stories designed to enrich the vocabulary and provide some knowledge of Spanish culture. Prerequisite: Spanish II or equivalent Length: 1 year		1.0 credit
520	SPANISH IV	Level four offers an intensive review of Spanish grammar and gives the student the opportunity to explore Spanish History and Literature, implementing the already acquired tools of the language. Prerequisite: Spanish III or equivalent Length: 1 year		1.0 credit
524	GERMAN I	The first year program is an intense course in conversational German. Primary emphasis is placed on acquiring a basic speaking and writing ability. German will be used in discussing familiar material. Secondary emphasis is given to recognition of idiomatic and grammatical language format. Length: 1 year	Year: 9,11	1.0 credit

- 525 GERMAN II German II is an extension of German I. Building a useful vocabulary and applying basic grammar concepts are stressed. Greater emphasis is placed upon the student's ability to interpret written German orally. While acquiring a greater reading and writing knowledge of German, the student is exposed to the cultural background of the language and its people. Prerequisite: German I or equivalent
 Length: 1 year Year: 10, 12 1.0 credit
- 526 GERMAN III German III incorporates the skills mastered in German I & German II. It is an in-depth study of the cultures (literature, art, and daily life) of the German speaking nations. The emphasis is threefold: translation, conversation, and composition. Prerequisite: German II or equivalent
 Length: 1 year 1.0 credit
- 527 GERMAN IV German IV offers the student an intensive review of structural German, an advanced conversational course, and a general study of history and literature. Prerequisite: German III or equivalent
 Length: 1 year 1.0 credit

MUSIC DEPARTMENT

The Music Department seeks to deepen the student's experience and appreciation of music through the various class activities and musical performance opportunities offered. It strives to recognize and develop musical abilities and talents in students and to encourage them to share their gifts with others, thus further contributing to each person's and to society's cultural enrichment and growth.

DEPARTMENT REQUIREMENTS: A .5 credit is required in Fine Arts. This can be fulfilled by taking Music, Speech or Art. If Band or Chorus is chosen, it must be taken the full year.

755-756 MIXED CHORUS Mixed Chorus is the entry level choir where the fundamentals of proper vocal technique, music literacy, and partsinging are learned. This chorus is open to all with no prior musical experience necessary. Students are allowed to perform at all school Masses, the Christmas Concert and assemblies, as well as the Spring Show. Students who successfully complete Mixed Chorus are eligible for advancement into Concert Chorale.

Length: 1 year Year: 9, 10, 11, 12 1.0 credit

761-763 770 CONCERT CHORALE Concert Chorale is designed for the experienced performer. Prior musical experience is recommended through successful completion of Mixed Chorus or an equivalent ensemble. Students are allowed to perform at all school Masses, the Christmas Concert and assemblies, as well as the Spring Show. Emphasis is placed on advanced vocal technique, performance skills, music literacy, and advanced partsinging. As part of their music education, students will also learn basic music theory and history.

Length: 1 year Year: 9, 10, 11, 12 1.0 credit

765 BAND (MARCHING/CONCERT/PEP) Band offers students interested in playing a brass, woodwind or percussion instrument the opportunity to belong to an organization that both trains and performs continually throughout the year. Students learn to read music in addition to music history, theory and styles.

Band is a curricular subject which meets daily. In addition to formal concerts, the Concert/Marching/Pep/Jazz Bands perform at extracurricular activities such as basketball and football games, parades, District & State level music competitions and festivals, local service groups, community events, and patriotic services. Individual band students also perform in solos and ensembles for school assemblies, Masses, contest, and special occasions.

It is possible for interested students with no prior music background to begin learning to play an instrument. Contact the Band Director to arrange for instruction.

Length: 1 year Year: 9, 10, 11, 12 1.0 credit

EXTRACURRICULAR MUSIC ELECTIVES

780-790 PRIVATE LESSONS Band & chorus students who take any of the above courses and who study privately with a certified musician/teacher may receive credit for these private lessons. Registration for this credit will be held in the Music Department in September. Advance permission from QND Music faculty required.

JACKSON STREET Jackson Street is a non-credit auditioned chamber choir that rehearses one day a week after school. This is intended for students well-trained in the choral arts who will perform at a variety of performances and civic functions throughout the community. Primarily an a cappella ensemble, Jackson Street emphasizes excellence in vocal performance and performs a wide range of repertoire from classical art music to jazz.

SHOW CHOIR

Show Choir is a non-credit auditioned show choir that rehearses one day a week after school. Membership is open to all students who show sufficient preparation and ability through audition. Students accepted into this ensemble are required to demonstrate competency in both vocal performance and dance. Students in this group perform throughout the community during and outside of school time. This is primarily an accompanied ensemble focusing on a repertoire of swing, jazz, and popular music.

JAZZ BAND

Reeds, Brass, Drums, Piano, Guitar and Bass players are provided the opportunity to learn various popular music styles including Dixieland, Big Band Swing, Jazz and Jazz-Rock. Lessons in music theory and improvisation are included. This extracurricular ensemble meets outside of school time and does not receive credit. Students must audition.

POSSIBLE CAREERS IN THE MUSIC FIELD

Acoustical Engineer
Armed Forces Music
Broadcasting
Communications
Composing
Conducting
Disc Jockey
Electronic & Computer
Technician
Electronic Music and
Synthesizers

Instrument Repair
Technician
Manufacturing
(Instruments,
uniforms, etc)
Music Business
Music Critic/Reporter
Music Educator
Music Librarian
Music Retail
Musical Theater

Music Therapy
Music for Worship
Performing
Piano Tuning
Private Teaching
Public Relations
Publishing
Recording
Recording Engineer
Studio Musician
Symphony Orchestra
Management

842-845 DRIVER EDUCATION

This course is offered in the first semester to sophomores who are sixteen by April 1, in the second semester to sophomores who are sixteen by July 31. Those who are sixteen between July 31 and November 30 are encouraged to take Driver Ed in the summer session before or after their sophomore year. Students are scheduled strictly by birth date with instruction provided by Quincy Senior High School.

Basic principles of safe driving are presented in 30 hours of classroom instruction in the one quarter. During the next quarter each student will spend the required hours behind the wheel.

Students enrolling in Driver Education must have passed at least eight (8) classes during the previous two (2) semesters.

Length: 1 semester Year: 10 .50 credit
(May be taken freshman year if age requirement is met.)

848 WEIGHTLIFTING EB

Introduction to weightlifting skills and physical fitness activities. The class will include the use of machine weights, free weights, sit-ups, push-ups, running/conditioning and jumping rope. Prerequisite: Must have at least 1/4 credit of Physical Education

Length: 1 semester Year: 10*,11,12 .50 credit

*If space permits

RELIGION DEPARTMENT

The Religion Department of Quincy Notre Dame seeks to develop a deep appreciation of personal faith and commitment to the person, Jesus Christ. Through the content of the courses and the personal example of the faculty, we hope to enable each student to realize that a life based on religious values can lead to happiness and fulfillment. The department is committed to challenging the students to experience and express their faith in a variety of learning situations and religious experiences outside of class within the Christian Service Program. **Ten hours of Christian community service per school year is a school requirement. All students who fulfill the requirements will receive a grade and a 1/4 credit at the end of the school year.**

DEPARTMENT REQUIREMENTS: 3.75 credits in Religion are required for graduation

863	CATHOLIC BELIEFS I FRESHMAN RELIGION	This course is a basic review of Catholic faith using the four pillars of the Catechism of the Catholic Church (creed, liturgy, morality, and prayer) as its foundation. During this quarter key concepts and vocabulary will be clarified and a deeper understanding and application of the Catholic faith will be presented. Basic tenets of Christianity will be emphasized. Length: 1 quarter	Year: 9	.25 credit
864	CATHOLIC BELIEFS II FRESHMAN RELIGION	This is a continuation of Catholic Beliefs I. This course will also cover Catholic reverence for life, knowledge of God's gift of sexuality, chastity, and correct life choices. Length: 1 quarter	Year: 9	.25 credit
899	HEBREW SCRIPTURES FRESHMAN RELIGION	This course presents an overview of the Old Testament. It includes general information that will help the students understand the Bible better. We hope that the students will be better able use the Bible as a source for inspiration and strength in their daily lives. Length: 1 quarter	Year: 9	.25 credit
867	CHRISTOLOGY SOPHOMORE RELIGION	Beginning with an understanding and overview of the New Testament and the four Gospels, this course begins by exploring the religious and political world of Jesus through study of the daily life, culture, and spiritual practices of the Jewish people. The infancy narratives and early years of Jesus are examined through the Gospels and the beginning of his public life is explored to help the students to get in touch with the historical setting of Jesus' life and the impact his culture had upon him as a devout Jew. His three year public ministry is explored in detail using his parables and stories, his preaching about the Kingdom of God throughout Judea, and the purpose and meaning of his miracles as signs of God's loving presence in and through Him. Next, the passion, death, and resurrection of Jesus are studied with emphasis on how we connect today with those events of centuries ago. Length: 1 semester	Year: 10	0.5 credit
869	CHURCH HISTORY SOPHOMORE RELIGION	This course examines the history of the Catholic Church from its infancy to the development of the modern church after Vatican II. It gives insights into how the Church of the past helped shape the Church of the present. Emphasis is placed on the Acts of the Apostles, the Pauline letters, and the early establishment of the Christian communities throughout the Roman speaking world. Students will learn about the significant periods of growth in the Church from the emancipation of Christianity through the Modern Age. Students will examine several significant councils of the Church and important documents from those councils. The men and women who have made great contributions to the Catholic Church, many of them saints, will be discussed as role models for our own walk of faith in holiness. Students will also examine other Christian denominations in an effort to promote an understanding of the need for ecumenism today. This course helps students to see that the Jesus of History is our Christ of Faith. Length: 1 semester	Year: 10	0.5 credit

SCIENCE DEPARTMENT

The primary purpose of the Science Department is to create and generate an interest and appreciation for science resulting in an understanding of major scientific concepts, their application to current problems, and the Church's moral teachings regarding controversial topics. Most of the courses in the department are highly activity orientated, aimed at the realization that science is not a body of knowledge, but a process.

The results of the above mentioned goals are intended to lead to the development of an informed Christian with a healthy attitude towards science and its relationship to the world.

DEPARTMENT REQUIREMENTS: 2 credits in Science are required. (Physical Science and Biology)

401	PHYSICAL SCIENCE (Introductory Lab course)	The purpose of this course is to give all Freshman an introduction to the basic principles of science. Chemical and physical concepts are examined. Laboratory investigations and inquiry are used to discover new ideas, explore misconceptions, and develop proficiency with laboratory equipment. Length: 1 year	Year: 9	1.0 credit
411	PRINCIPLES OF BIOLOGY	The course in biology is aimed at an understanding of the nature of scientific inquiry, the basic biological problems of evolution, population, development, inheritance, and our place in the scheme of nature. These principles and problems of current biology are demonstrated with examples from the ecology of living organisms. Much emphasis is placed on an investigative type of laboratory work aimed at a general understanding of the world of living organisms. Length: 1 year	Year: 10	1.0 credit
435	PHYSIOLOGY AND HUMAN ANATOMY	This course broadens the biological information on the structure and functions of the various systems of the human body. It is recommended for anyone who plans to follow a medical career. Prerequisite: Physical Science and Biology Length: 1 year	Year: 11,12	1.0 credit
440	CHEMISTRY	Chemistry treats the composition of substances and the transformations which they undergo. The course includes the study of techniques, theories, problems and laws in this science. It is a laboratory course including individual and group experiments. Besides giving the student a knowledge of the science of chemistry, it seeks to give the student an understanding of the role of chemistry in the world. Prerequisite: Algebra II or concurrent enrollment in Algebra II, Physical Science and Biology. Length: 1 year	Year: 11,12	1.0 credit
442	CHEMISTRY II *	Chemistry II is offered as a full year course with dual enrollment option. The class meets once a week, in the evening, for 2-1/2 hours (lab portion), and 3 times a week as an Early Bird class (lecture portion). Covered are such topics as Electrochemistry, Stoichiometry, Thermochemistry, Organic Chemistry, Nuclear Chemistry, Kinematics, Acid/Bases, and Reaction Rates. Course pre-requisites: students must be seniors who have completed Chemistry I and Algebra IIA and should be enrolled in Math Analysis or Functions/Statistics/Trigonometry. Enrollment is by permission of the instructor and students must apply in advance. See instructor for details. Length: 1 year	Year: 12	1.0 credit high school and/or 3.0 college credits

* This course is a grade weighted course

450 PHYSICS *

The main object of the Physics course is to give the student a background in classical physics and an introduction to modern physics. This will be accomplished through the investigation of motion, heat, light, electricity, and magnetism as the main topics. It is a college preparatory course. Prerequisites: Analysis (should be taken prior to Physics but may be taken concurrently.) Chemistry highly recommended.

Length: 1 year

Year: 12

1.0 credit

* This course is a grade weighted course.

POSSIBLE CAREERS/MAJORSAnatomy & Physiology

Biochemist
Geneticist
Pharmacist
Physical Therapist
Athletic Trainer
Dental Assistant
Neurologist
Optometrist
Speech Therapist
Respiratory
Therapist
Research

Radiologist
Physician
Nurse
Chiropractor
Dentist
Ophthalmologist
Phlebotomist
Teacher
Pathologist
Surgeon
Emergency Medical
Technician

Chemistry

Fire Chemist
Chemical Technician
Chemical Plant Mgr.
Environmental
Chemist
Agricultural
Chemist
Chemical Supplier
Fireworks Mfg.
Ceramic Engineer
Chemical Patent
Attorney

Science Writer
Food Chemist
Industrial
Technician
Biochemist
Metallurgist
Research
Teacher
Anesthesiologist
Dietician
Pharmacist
Physician

Biology

Radiologic Techn.
Food Techn.
Cytologist
Occupational
Therap.
Lab Technician
Archaeologist
Taxonomist
Forestry Technician
Midwife
Medical
Technologist
Respiratory Therap.
Entomologist
Physical Therapist
Chemical Engineer
Mammology

Green House Manager
Anthropologist
Fish Farmer
Biochemist
Genetic Counselor
Neonatalogist
Naturalist
Microbiologist
Oceanographer
Psychologist
Dietician
Epidemiologist
Audiologist
Demographer
Agronomist
Botany
Horticulturalist

Physics & Physical Science

Surveyor
Aerospace Engineer
Mechanical Engineer
Service Technician
Laser Technician
Electrical Engineer
Astronomer
Telecommunication
X-Ray Technician
Electrician
Civil Engineer
Teacher
Fiber Optics
Automobile Mechanic
Petroleum Engineer
Radiologist
Studio Engineer

Astronaut
Optical Technician
Nuclear Technician
Medical Physicist
Meteorologist

264 Q.U. PSYCHOLOGY 100 * Basic introduction to the major areas of psychology with an emphasis on learning, perception, motivation, emotion, personality, abnormal behavior, psychotherapy, thinking, child development, and the brain and behavior. This course can also be taken as a dual enrollment course. It is equivalent to Quincy University's PSY 100. Prerequisites: GPA 3.0; minimum of a B average in previous English classes..

Length: 1 semester

Year: 12

1.0 credit high school and/or 3.0 college credits

* This course is a grade weighted course